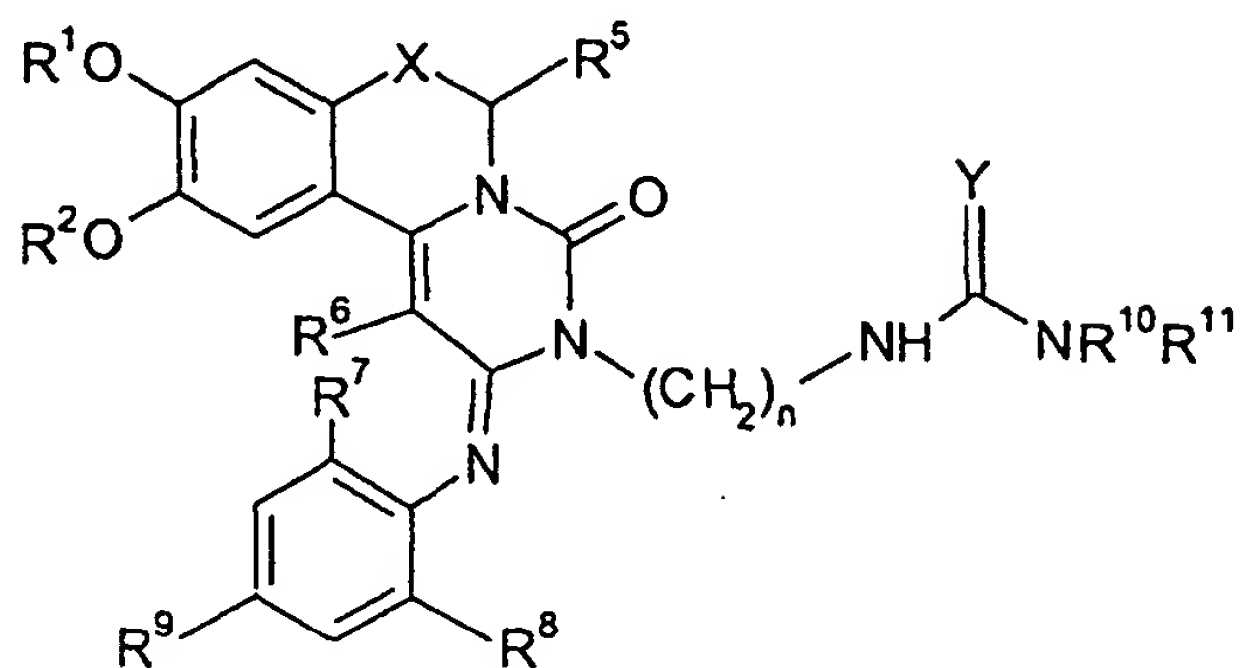


This listing of claims will replace all prior versions, and listings, of claims in the application.

Listing of Claims:

Claim 1 (original): A compound of general formula I:



I

wherein

each of R^1 and R^2 independently represents a C_{1-6} alkyl or C_{2-7} acyl group;

R^5 represents a hydrogen atom or a C_{1-3} alkyl, C_{2-3} alkenyl or C_{2-3} alkynyl group;

R^6 represents a hydrogen atom or a C_{1-6} alkyl, C_{2-6} alkenyl, C_{2-6} alkynyl, amino, C_{1-6} alkylamino, di(C_{1-6}) alkylamino or C_{2-7} acylamino group;

each of R^7 and R^8 independently represents a hydrogen or halogen atom or a hydroxy, trifluoromethyl, C_{1-6} alkyl, C_{2-6} alkenyl, C_{2-6} alkynyl, C_{2-7} acyl, C_{1-6} alkylthio, C_{1-6} alkoxy, C_{3-6} cycloalkyl; and

R^9 represents a hydrogen or halogen atom or a hydroxy, trifluoromethyl, C_{1-6} alkyl, C_{2-6} alkenyl, C_{2-6} alkynyl, C_{2-7} acyl, C_{1-6} alkylthio, C_{1-6} alkoxy or C_{3-6} cycloalkyl group;

X represents OCH_2 or a group CR^3R^4 , wherein each of R^3 and R^4 independently represents a hydrogen atom or a C_{1-3} alkyl group;

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each of R^{10} and R^{11} independently represents a hydrogen atom, a C_{1-3} alkyl, C_{3-6} cycloalkyl or phenyl group;

Y represents an oxygen atom or a group $CHNO_2$, NCN , NH or NNO_2 ;

n is an integer from 2 to 4;

or a salt thereof.

Claim 2 (currently amended): A compound of general formula I wherein, independently or in any compatible combination:

each of R^1 and R^2 represents a C_{1-6} alkyl, ~~preferably a C_{1-4} alkyl, group;~~

R^1 and R^2 are the same as each other;

each of R^3 and R^4 represents a hydrogen atom;

R^5 represents a hydrogen atom;

R^6 represents a hydrogen atom;

each of R^7 and R^8 represents a C_{1-6} alkyl, ~~preferably methyl, ethyl or isopropyl, group;~~

R^7 and R^8 are the same as each other;

R^9 represents a halogen atom or a methyl or acetyl group;

Y represents an oxygen atom or a group $CHNO_2$; and

n is 2.

Claim 3 (original): 9,10-Dimethoxy-2-(2,4,6-trimethylphenylimino)-3-(N-carbamoyl-2-aminoethyl)-3,4,6,7-tetrahydro-2H-pyrimido[6,1-a]isoquinolin-4-one.

Claim 4 (original): 9,10-Dimethoxy-2-(2,4,6-trimethylphenylimino)-3-[N-(N'-isopropylcarbamoyl)-2-aminoethyl]-3,4,6,7-tetrahydro-2H-pyrimido[6,1-a]isoquinolin-4-one.

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Claim 5 (original): 9,10-Dimethoxy-2-(2,4,6-trimethylphenylimino)-3-[N-[1-(N'-methyl-2-nitroethenamine)]-2-aminoethyl]-3,4,6,7-tetrahydro-2H-pyrimido[6,1-a]isoquinolin-4-one.

Claim 6 (original): 9,10-Dimethoxy-2-(2,4,6-trimethylphenylimino)-3-[N-[1-(N'-isopropyl-2-nitroethenamine)]-2-aminoethyl]-3,4,6,7-tetrahydro-2H-pyrimido[6,1-a]isoquinolin-4-one.

Claim 7 (original): 9,10-Dimethoxy-2-(2,4,6-trimethylphenylimino)-3-[N-[1-(N', N'-dimethyl-2-nitroethenamine)]-2-aminoethyl]-3,4,6,7-tetrahydro-2H-pyrimido[6,1-a]isoquinolin-4-one.

Claim 8 (original): 9,10-Dimethoxy-2-(2,4,6-trimethylphenylimino)-3-[N-(N'-phenylcarbamoyl)-2-aminoethyl]-3,4,6,7-tetrahydro-2H-pyrimido[6,1-a]isoquinolin-2-one.

Claim 9 (original): 9, 10-Dimethoxy-3-[2-guanidinoethyl]-2-(2,4,6-trimethylphenylimino)-3,4,6,7-tetrahydro-2H-pyrimido[6,1-a]isoquinolin-4-one.

Claim 10 (original): 9,10-Dimethoxy-3-[N-(N'-nitro)-2-guanidinoethyl]-2-(2,4,6-trimethylphenylimino)-3,4,6,7-tetrahydro-2H-pyrimido[6,1-a]isoquinolin-4-one.

Claim 11 (currently amended): 3-[N-(N'-Cyclohexylcarbamoyl)-2-aminoethyl]-9,10-dimethoxy-2-(2,4,6-trimethyl-phenylimino)-3,4,6,7-tetrahydro-2H-pyrimido[6,1-a]isoquinolin-4-one.

Claim 12 (original): 3-(N-Carbamoyl-2-aminoethyl)-9,10-dimethoxy-2-(2-methylphenylimino)-3,4,6,7-tetrahydro-2H-pyrimido[6,1-a]isoquinolin-4-one.

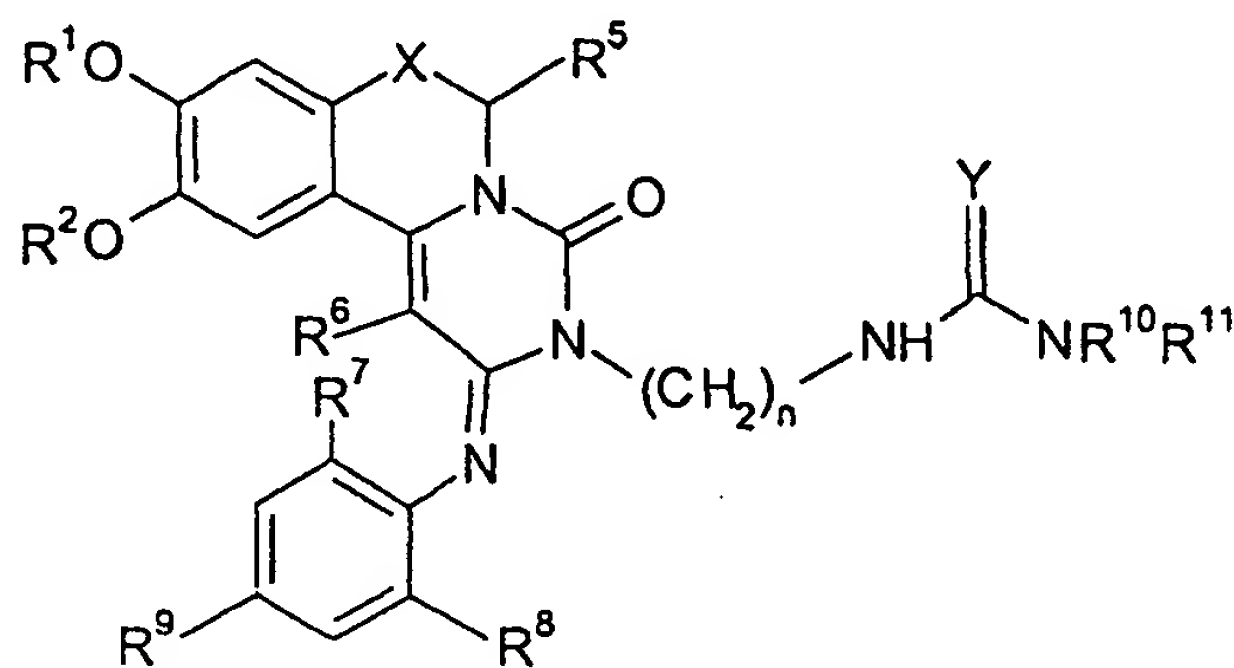
Claim 13 (original): 3-(N-Carbamoyl-2-aminoethyl)-2-(2,6-diisopropylphenylimino)-9,10-dimethoxy-3,4,6,7-tetrahydro-2H-pyrimido[6,1-a]isoquinolin-4-one.

Claim 14 (original): 3-(*N*-Carbamoyl-4-aminobutyl)-9,10-dimethoxy-2-(2,4,6-trimethylphenylimino)-3,4,6,7-tetrahydro-2*H*-pyrimido[6,1-*a*]isoquinolin-4-one.

Claim 15 (original): 3-[*N*-(*N'*-Cyano-*N''*-methyl)-2-guanidinoethyl]-9,10-dimethoxy-2-(2,4,6-trimethyl-phenylimino)-3,4,6,7-tetrahydro-2*H*-pyrimido[6,1-*a*]isoquinolin-4-one.

Claims 16-50 (cancelled).

Claim 51 (new): A composition comprising a compound of general formula I:



I

wherein

each of R¹ and R² independently represents a C₁₋₆ alkyl or C₂₋₇ acyl group;

R⁵ represents a hydrogen atom or a C₁₋₃ alkyl, C₂₋₃ alkenyl or C₂₋₃ alkynyl group;

R⁶ represents a hydrogen atom or a C₁₋₆ alkyl, C₂₋₆ alkenyl, C₂₋₆ alkynyl, amino, C₁₋₆ alkylamino, di(C₁₋₆) alkylamino or C₂₋₇ acylamino group;

each of R^7 and R^8 independently represents a hydrogen or halogen atom or a hydroxy, trifluoromethyl, C_{1-6} alkyl, C_{2-6} alkenyl, C_{2-6} alkynyl, C_{2-7} acyl, C_{1-6} alkylthio, C_{1-6} alkoxy, C_{3-6} cycloalkyl; and

R^9 represents a hydrogen or halogen atom or a hydroxy, trifluoromethyl, C_{1-6} alkyl, C_{2-6} alkenyl, C_{2-6} alkynyl, C_{2-7} acyl, C_{1-6} alkylthio, C_{1-6} alkoxy or C_{3-6} cycloalkyl group;

X represents OCH_2 or a group CR^3R^4 , wherein each of R^3 and R^4 independently represents a hydrogen atom or a C_{1-3} alkyl group;

each of R^{10} and R^{11} independently represents a hydrogen atom, a C_{1-3} alkyl, C_{3-6} cycloalkyl or phenyl group;

Y represents an oxygen atom or a group $CHNO_2$, NCN , NH or NNO_2 ;

n is an integer from 2 to 4;

or a salt thereof;

and a veterinarily or pharmaceutically acceptable carrier or diluent.

Claim 52 (new): A composition of claim 51, wherein independently or in any compatible combination:

each of R^1 and R^2 represents a C_{1-6} alkyl;

R^1 and R^2 are the same as each other;

each of R^3 and R^4 represents a hydrogen atom;

R^5 represents a hydrogen atom;

R^6 represents a hydrogen atom;

each of R^7 and R^8 represents a C_{1-6} alkyl;

R^7 and R^8 are the same as each other;

R^9 represents a halogen atom or a methyl or acetyl group;

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Y represents an oxygen atom or a group CHNO_2 ; and

n is 2.

Claim 53 (new): A composition of claim 52, wherein each of R^1 and R^2 represents a C_{1-4} alkyl group; and each of R^7 and R^8 represents a methyl, ethyl or isopropyl group.

Claim 54 (new): A composition of claim 2, wherein each of R^1 and R^2 represents a C_{1-4} alkyl group; and each of R^7 and R^8 represents a methyl, ethyl or isopropyl group.

Claim 55 (new): A composition as claimed in any one of claims 51 or 52, further comprising an active agent selected from the group consisting of a β_2 -adrenoceptor agonist and a glucocorticoid steroid.

Claim 56 (original): A composition as claimed in claim 55, wherein the composition is a pharmaceutical composition for human medicine.

Claim 57 (new): A composition as claimed in claim 56, adapted for administration by aerosol.

Claim 58 (new): A composition comprising a compound selected from the group consisting of:

9,10-Dimethoxy-2-(2,4,6-trimethylphenylimino)-3-(*N*-carbamoyl-2-aminoethyl)-3,4,6,7-tetrahydro-2*H*-pyrimido[6,1-*a*]isoquinolin-4-one;

9,10-Dimethoxy-2-(2,4,6-trimethylphenylimino)-3-[*N*-(*N'*-isopropylcarbamoyl)-2-aminoethyl]-3,4,6,7-tetrahydro-2*H*-pyrimido[6,1-*a*]isoquinolin-4-one;

9,10-Dimethoxy-2-(2,4,6-trimethylphenylimino)-3-[*N*-[1-(*N'*-methyl-2-nitroethenamine)]-2-aminoethyl]-3,4,6,7-tetrahydro-2*H*-pyrimido[6,1-*a*]isoquinolin-4-one;

9,10-Dimethoxy-2-(2,4,6-trimethylphenylimino)-3- [N-[1-(*N'*-isopropyl-2-nitroethenamine)]-2-aminoethyl]-3,4,6,7-tetrahydro-2*H*-pyrimido[6,1-*a*]isoquinolin-4-one;

9,10-Dimethoxy-2-(2,4,6-trimethylphenylimino)-3-[N-[1-(*N'*, *N'*-dimethyl-2-nitroethenamine)]-2-aminoethyl]-3,4,6,7-tetrahydro-2*H*-pyrimido[6,1-*a*]isoquinolin-4-one;

9,10-Dimethoxy-2-(2,4,6-trimethylphenylimino)-3-[N-(*N'*-phenylcarbamoyl)-2-aminoethyl]-3,4,6,7-tetrahydro-2*H*-pyrimido[6,1-*a*]isoquinolin-2-one;

9, 10-Dimethoxy-3-[2-guanidinoethyl]-2-(2,4,6-trimethylphenylimino)-3,4,6,7-tetrahydro-2*H*-pyrimido[6,1-*a*]isoquinolin-4-one;

9,10-Dimethoxy-3-[N-(*N'*-nitro)-2-guanidinoethyl]-2-(2,4,6-trimethylphenylimino)-3,4,6,7-tetrahydro-2*H*-pyrimido[6,1-*a*]isoquinolin-4-one;

3-[N-(*N'*-Cyclohexylcarbamoyl)-2-aminoethyl]-9,10-dimethoxy-2-(2,4,6-trimethyl-phenylimino)-3,4,6,7-tetrahydro-2*H*-pyrimido[6,1-*a*]isoquinolin-4-one;

3-(*N*-Carbamoyl-2-aminoethyl)-9,10-dimethoxy-2-(2-methylphenylimino)- 3,4,6,7-tetrahydro-2*H*-pyrimido[6,1-*a*]isoquinolin-4-one;

3-(*N*-Carbamoyl-2-aminoethyl)-2-(2,6-diisopropylphenylimino)-9,10-dimethoxy-3,4,6,7-tetrahydro-2*H*-pyrimido[6,1-*a*]isoquinolin-4-one;

3-(*N*-Carbamoyl-4-aminobutyl)-9,10-dimethoxy-2-(2,4,6-trimethylphenylimino)- 3,4,6,7-tetrahydro-2*H*-pyrimido[6,1-*a*]isoquinolin-4-one; and

3-[N-(*N'*-Cyano-*N''*-methyl)-2-guanidinoethyl]-9,10-dimethoxy-2-(2,4,6-trimethyl-phenylimino)-3,4,6,7-tetrahydro-2*H*-pyrimido[6,1-*a*]isoquinolin-4-one;

and a veterinarily or pharmaceutically acceptable carrier or diluent.

Claim 59 (new): A composition as claimed in claim 58, further comprising an active agent selected from the group consisting of a β_2 -adrenoceptor agonist and a glucocorticoid steroid.

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Claim 60 (original): A composition as claimed in claim 58, wherein the composition is a pharmaceutical composition for human medicine.

Claim 61 (new): A composition as claimed in claim 60, adapted for administration by aerosol.